



**CR&R**  
INCORPORATED  
environmental services  
the face of a greener generation 

## CR&R Organics Recycling

# EVOLUTION OF SOLID WASTE MANAGEMENT **1970's**



**Trash Bins**



**Landfills**

# EVOLUTION OF SOLID WASTE MANAGEMENT **1990's**



**Material Recovery Plant  
MRF**



**Source Separated Collection**



**Residual**



**Recyclables**



**Alternative Daily Cover**

# EVOLUTION OF SOLID WASTE MANAGEMENT **2010's**



**Anaerobic Digestion  
Facility**



**Material Recovery  
Facility - MRF**



**Organics**



**Recyclables**



**Residual**



**Recyclables**



**Renewable Natural Gas**



**Fertilizer**



## ORGANICS MANAGEMENT OVERVIEW

### LANDFILLING

**75%**  
Energy Recovery

**75%**  
Emissions Capture

**0%**  
Nutrient Recovery

### COMPOSTING

**0%**  
Energy Recovery

**0%**  
Emissions Capture

**100%**  
Nutrient Recovery

### ANAEROBIC DIGESTION

**100%**  
Energy Recovery

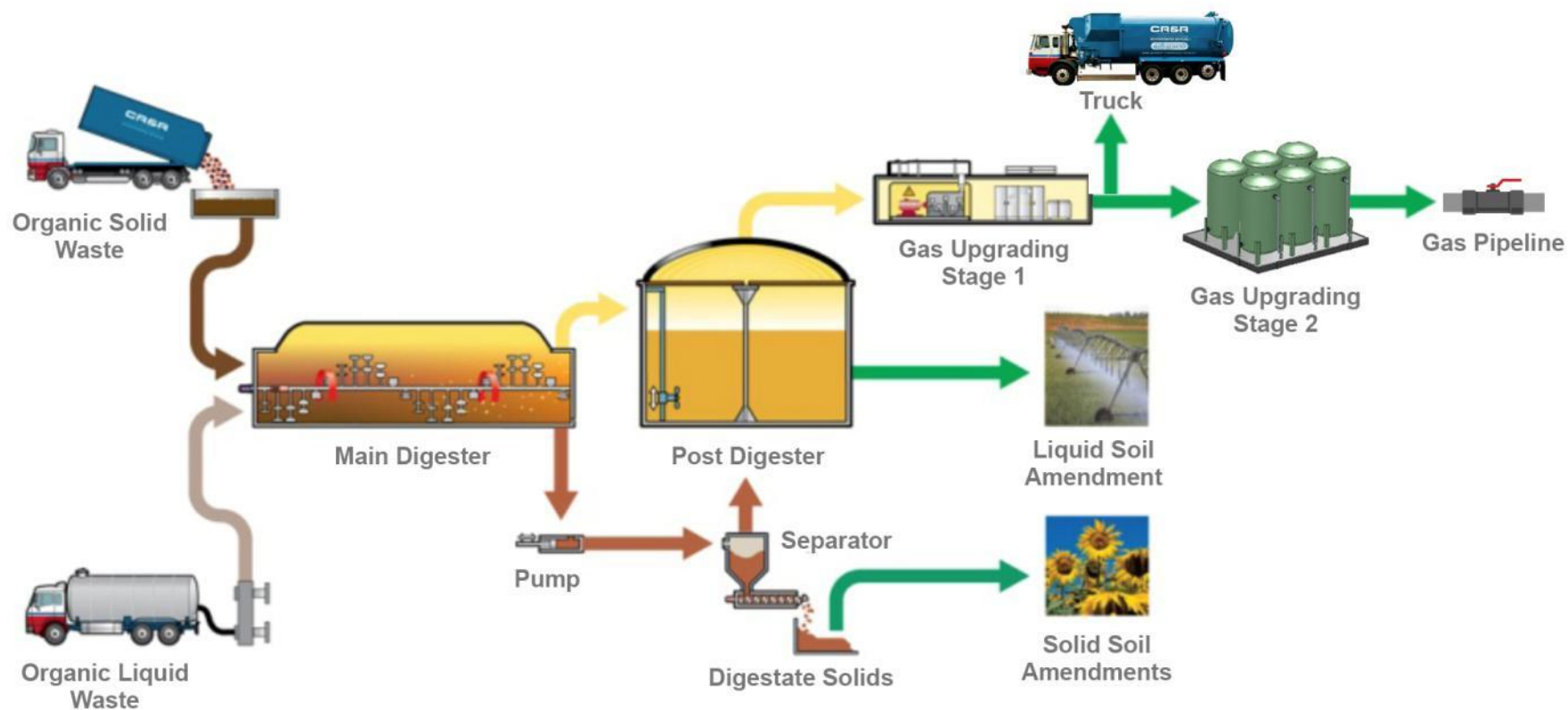
**100%**  
Emissions Capture

**100%**  
Nutrient Recovery

## ANAEROBIC DIGESTION FACILITY



## ANAEROBIC DIGESTION - FLOW CHART





ANAEROBIC DIGESTION TECHNOLOGY

**EISENMANN**

BIOGAS UPGRADING TECHNOLOGY



CONSTRUCTION MANAGEMENT



RELIABLE NATURAL GAS DISTRIBUTION



PROJECT ENGINEER





# IT'S THE LAW! BUSINESS RECYCLING

## RECYCLING LEGISLATION

**Assembly Bill 1826** (AB 1826) requires businesses to separate their food scraps and green waste for recycling. AB 1826 builds on the success of the mandatory commercial recycling program established by AB 341. Please see the timeline below for implementation requirements:

- 2016 – All businesses with 8 or more yards of organic waste per week
- 2017 – All businesses with 4 or more yards of organic waste per week
- 2019 – All businesses with 4 or more yards of solid waste per week

Information about organic waste recycling requirements is available from the California Department of Resources Recycling and Recovery (CalRecycle) at <http://www.calrecycle.ca.gov/recycle/commercial/organics/>.

**Assembly Bill 341** (AB 341) requires all jurisdictions to meet the diversion goal of 75% by 2020 resulting in businesses that generate 4 or more cubic yards of waste to either:

- Participate in a recycling program with their local waste hauler
- Donate, sell and/or eat-out materials to a recycling facility.

Information about California's business recycling requirements is available from the California Department of Resources Recycling and Recovery (CalRecycle) at <http://www.calrecycle.ca.gov/recycle/commercial/>.

**Assembly Bill 939** (AB 939) required jurisdictions to meet diversion goals of 25% by 1995 and 50% by the year 2000 resulting in the implementation of:

- Drop-off recycling programs
- Curbside recycling
- Commercial recycling
- Construction and demolition recycling

## NEW FOOD RESCUE

Did you know one in seven Californians struggle with food insecurity? Before you discard edible food consider working with one of CR&R's food rescue partners. Our partner organizations can direct you to resources to help you prevent food waste. For additional information visit: [www.wastenotoc.org](http://www.wastenotoc.org)

## RECYCLE PROGRAMS

### ① MIXED RECYCLING

Your business may generate a large amount of recyclable material such as paper, cardboard, plastic, aluminum, etc. CR&R can help you determine the best container for your needs based on the quantity and type of materials.

### ② ORGANICS

Returning organic materials to the soil drastically reduces the environmental impacts of landfills, reduces greenhouse gases, creates jobs and helps sustain California's agricultural industry.

An organics collection service for businesses is available now.



Items that will be permitted in your organics container:

- Food Preparation Scraps
- Table Scraps
- Plants
- Flowers
- Coffee Grounds

To obtain additional information or subscribe to recycling service, contact your local Sustainability Specialist by calling 714.372.8272.



# Outreach



# Signage for Employees

# ORGANICS ONLY

Bread / Fruit / Meat / Vegetables / Fats • Oils • Grease / Dairy / Flowers • Grass



Panes / Frutas / Carne / Verduras / Grasas • Aceites / Productos Lacteos / Flores • Hierba

**NO TRASH • OR HAZARDOUS WASTE ACCEPTED**  
Customer Service 800.826.9677

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## Bin and Cart Decal





# Training



# Eliminating Contamination





# Eliminating Contamination





## Food Rescue

### CR&R Food Waste Prevention Plan

**Did you know...** California produces nearly half of the nation's fruits and vegetables, yet **1 in 7 Californians currently struggle with food insecurity?** "Food Insecurity" is the occasional or constant lack of access to the food one needs for a healthy, active life.

CR&R is supporting efforts to keep edible food out of the recycle stream. This means supporting our customers to work their way up the "food recovery hierarchy" before they decide to discard usable food.

# Encouraging Food Donations

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